

Title (en)
Electrostatic capacitive divided-voltage transformer

Title (de)
Elektrostatisher kapazitiver Spannungsteiler

Title (fr)
Diviseur de tension capacitif électrostatique

Publication
EP 1022749 B1 20060906 (EN)

Application
EP 00101081 A 20000120

Priority
• JP 1376099 A 19990122
• JP 30211799 A 19991025

Abstract (en)
[origin: EP1022749A1] An electrostatic capacitive divided-voltage transformer, basically includes: a conductor (2); an inner semiconductive layer (3); a main insulative layer (4); an outer semiconductive layer (5), the conductor being enclosed with the inner semiconductive layer, the main insulative layer, and the outer semiconductive layer in this sequence; a first metallic layer (6), the first metallic layer enclosing the outer semiconductive layer; an auxiliary insulative layer (7) arranged on the first metallic layer; and a second metallic layer (8) arranged on the auxiliary insulative layer, a divided voltage from a whole voltage between the conductor and the second metallic layer being enabled to be led between the first metallic layer and second metallic layer. The electrostatic capacitive divided-voltage transformer is applicable to a voltage detector together with a digital meter or digital relay. <IMAGE>

IPC 8 full level
H01B 17/00 (2006.01); **H01F 30/12** (2006.01); **H01B 9/02** (2006.01); **H01F 38/24** (2006.01); **H02B 13/02** (2006.01)

CPC (source: EP)
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Cited by
CN102709048A; CN107808711A; EP2990811A1; FR3025029A1

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